

METHOD OF AND APPARATUS FOR CONTROLLING THE CHEMICAL MECHANICAL

POLISHING OF MULTILE LAYERS ON A SUBSTRATE

Application No. 10/726,650 – Attorney Docket No. SEC.1082

Inventors: Dea-Yun Kim et al.



Fig. 1

(PRIOR ART)

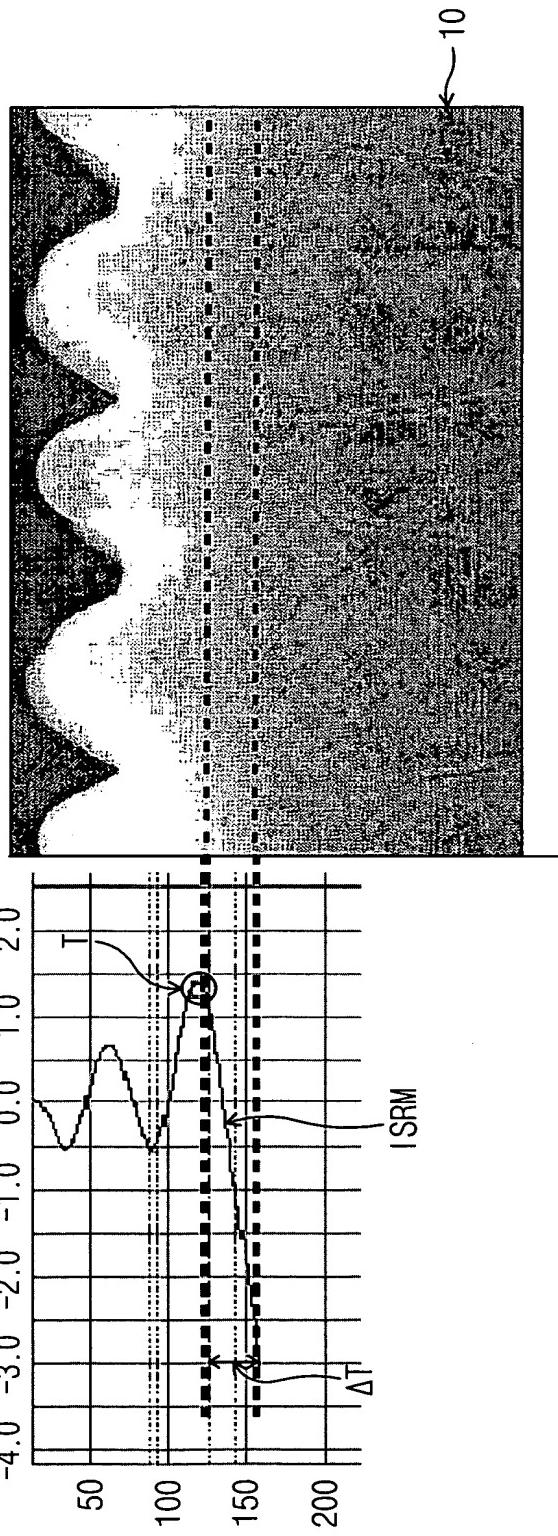
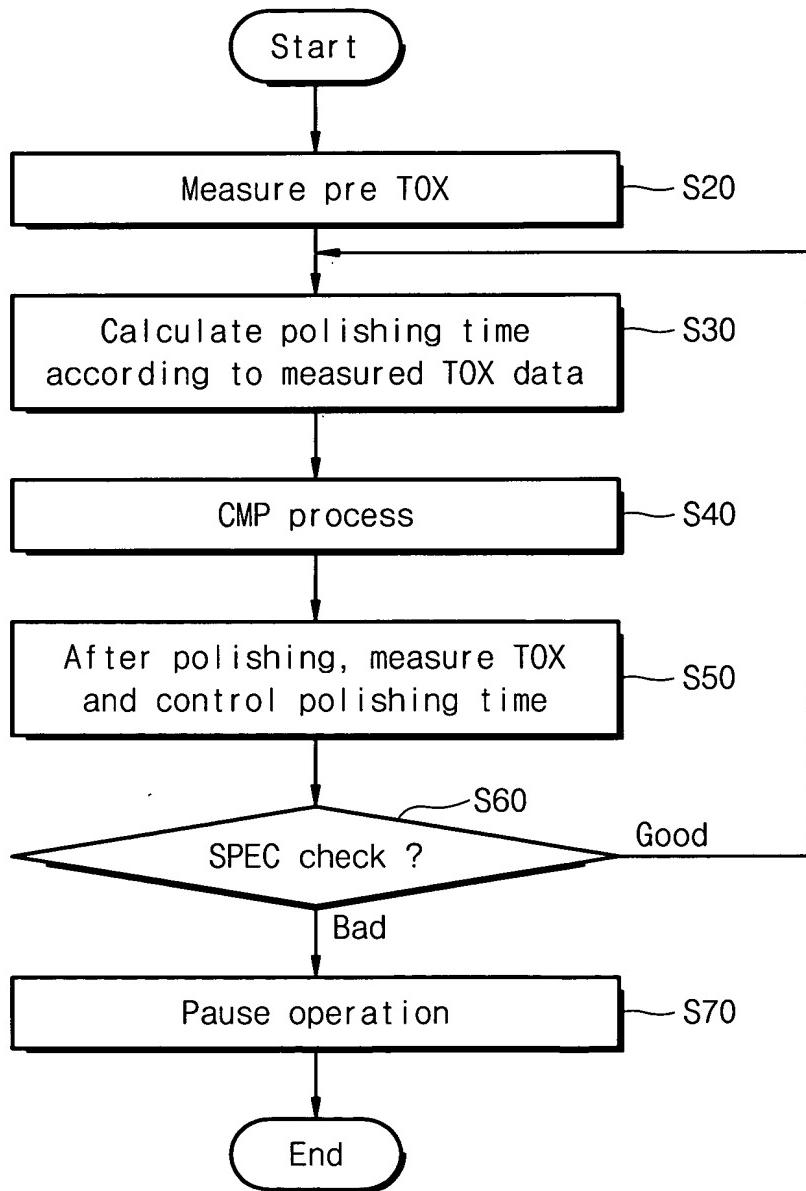


Fig. 2

(PRIOR ART)



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Fig. 3

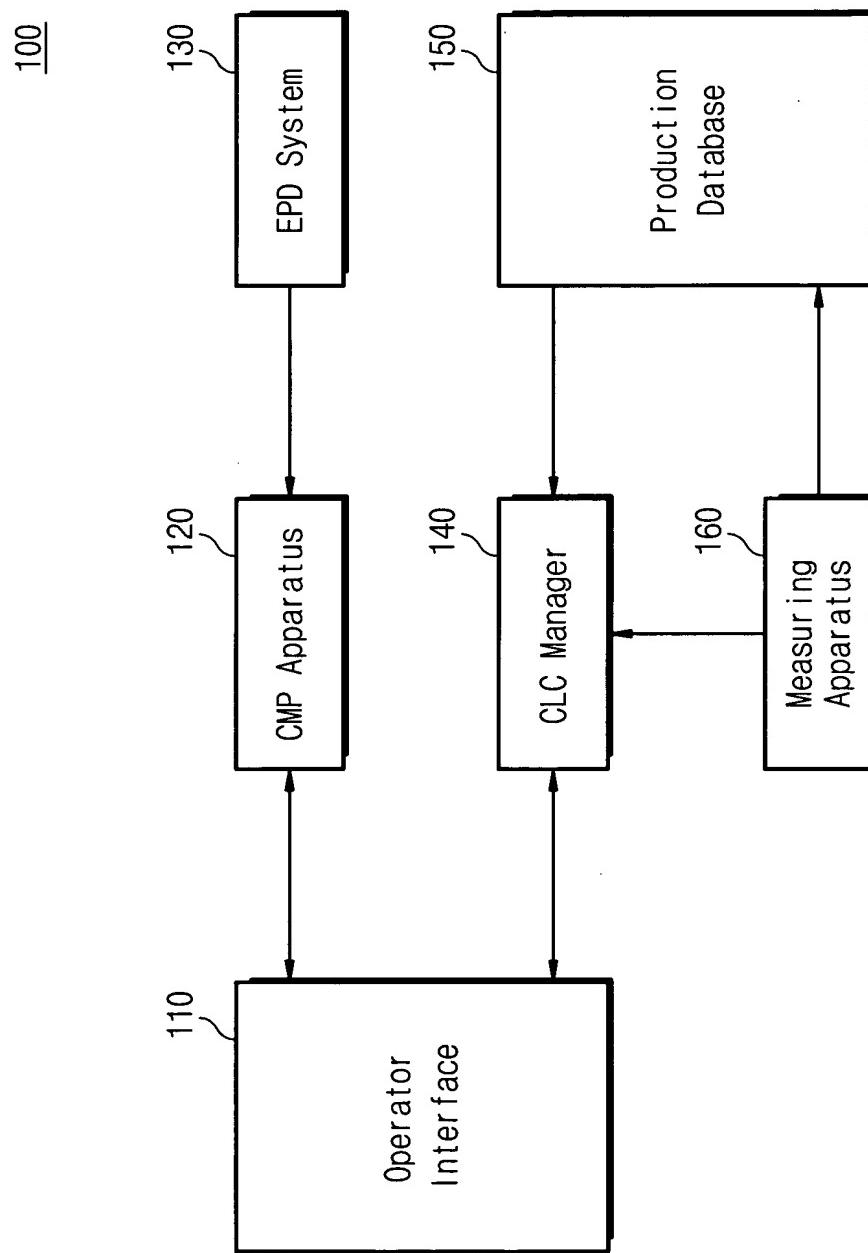
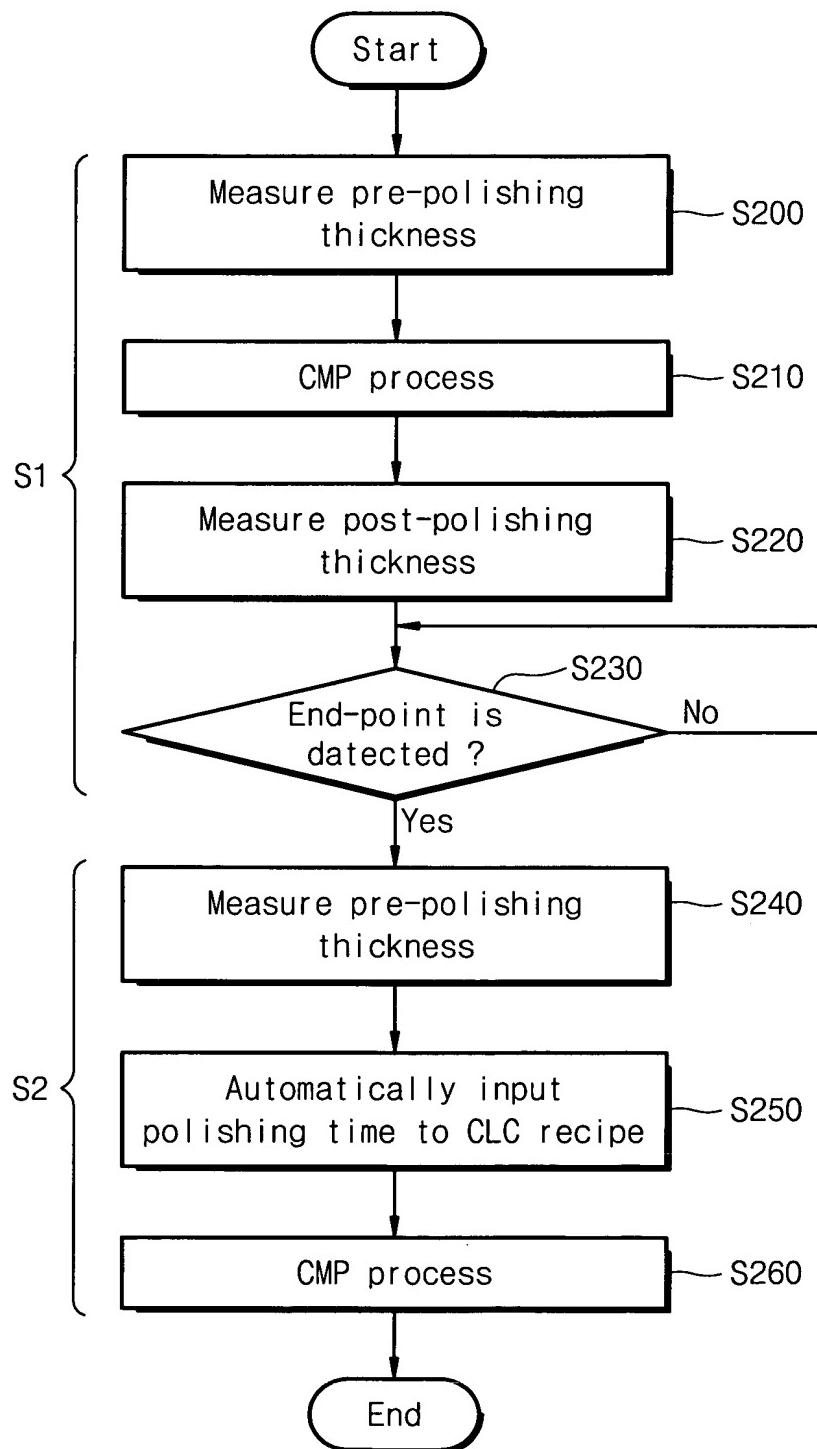


Fig. 4



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Fig. 5

<input type="checkbox"/> Main polish Step	<input checked="" type="checkbox"/> Main polish Step
Step 2: Applying Endpoint	Step 3: CLC Time Control
Angular Velocity Platen: [ ] rpm	Angular Velocity Platen: [ ] rpm
Accel/Decel Head: [ ] rpm/s	Accel/Decel Head: [ ] rpm/s
Sweep: 5.0 sweeps/min From 5.05 in to 5.53 in Use 5 total zones <input type="checkbox"/> Previous Sweep <b>Configure Sweep...</b>	Sweep: 5.0 sweeps/min From 5.05 in to 5.53 in Use 5 total zones <input type="checkbox"/> Previous Sweep <b>Configure Sweep...</b>
Internal Tube: Pressure [ ] psi	Internal Tube: Pressure [ ] psi
Ret Ring: Pressure [ ] psi	Ret Ring: Pressure [ ] psi
Membrane: Pressure [ ] psi	Membrane: Pressure [ ] psi
<input type="checkbox"/> High Pressure Rinse	<input type="checkbox"/> High Pressure Rinse
Deliv 1: Slurry [ ] ml/min	Deliv 1: Slurry [ ] ml/min
Deliv 2: No Slurry [ ]	Deliv 2: No Slurry [ ]
By Endpoint <input type="checkbox"/> Max Time: 60.0 s	By Time/EP <input type="checkbox"/> Max Time: 20.0 s

312

322

300

320